Index of Claims Rejected Allowed Restricted

| Application/Control No. | Applicant(s)/Patent under Reexamination |  |  |  |  |  |  |  |  |  |  |
|-------------------------|---|--|--|--|--|--|--|--|--|--|--|
| 10/653,751              | KNIGHT ET AL.                           |  |  |  |  |  |  |  |  |  |  |
| Examiner                | Art Unit                                |  |  |  |  |  |  |  |  |  |  |
| Hiep T. Nguyen          | 2187                                    |  |  |  |  |  |  |  |  |  |  |

(Through numeral) Cancelled N

Non-Elected Interference

Appeal 0 Objected

| Claim             | Date         |                |          |              |              |          | ]:::::   |              | Claim Date Claim |          |  |          |              |          |          |          | nim.     | n Date   |          |                    |          |   |        |            |          |          |          |          |          |          |                     |          |  |
|-------------------|--------------|----------------|----------|--------------|--------------|----------|----------|--------------|------------------|----------|--|----------|--------------|----------|----------|----------|----------|----------|----------|--------------------|----------|---|--------|------------|----------|----------|----------|----------|----------|----------|---------------------|----------|--|
|                   |              |                |          |              |              |          |          | ۱            | <del>''</del>    |          | 1.   |          |              |          |          |          |          |          | 4        |                    |          |   | Date 1 |            |          |          |          |          |          |          |                     |          |  |
| Final<br>Original | 200          | 14             | 1200     |              |              |          |          |              |                  |          | Fine   | Original | 01           | 1        |          |          |          |          | 1        |                    |          |   | Final  | Original   |          |          | •        |          | 3        |          |                     |          |  |
| 1                 | 100          | V              | 3        | ┝            | -            | Н        |          | ┝            | -                |          | 17   | 51       | =            | Н        | $\dashv$ | ┥        | -        | $\dashv$ | $\dashv$ | +                  | -        |   |        | 101        | Н        | $\dashv$ | ┝        | $\vdash$ | Н        |          | $\dashv$            | ┥        | $\dashv$   |
| 2                 | 11           | H              | -        | -            | -            | H        |          | t            | ┨                | ł        | 17   | 52       | Ť            | Н        | -        |          | -        | ┪        | 十        | ╅                  | 1        |   |        | 102        | Н        | $\neg$   | $\vdash$ | $\vdash$ | -        | Н        | 一                   | ᅥ        | $\dashv$   |
| 3                 | Ħ            | H              | $\dashv$ | $\vdash$     |              | Н        | -        | ┢            | -                | ▐░       | 19   | 53       | H            | Н        | $\dashv$ | ┪        | ┪        | ┪        | _        | +                  | -        |   |        | 103        | Н        | $\neg$   | Н        | $\vdash$ | П        |          |                     | 寸        |  |
| 4                 | ††           | Н              |          | $\vdash$     |              | Н        | $\vdash$ | ╁            | ╌                | t        | 20   | 54       | H            | Н        | $\dashv$ | -        | _        | 1        | $\dashv$ | +                  | 4        |   |        | 104        | Н        | _        | $\vdash$ | $\vdash$ |          | Н        | Ħ                   | 7        | $\neg$   |
| 5                 | #            | 1              | _        | <u> </u>     | $\vdash$     | Н        |          | T            | $\vdash$         |          | 21   | 55       | Ħ            | Н        |          | ┪        | _        | ┪        | +        | +                  | ٦        |   |        | 105        | _        |          |          |          | Π        |          | <b>コ</b>            | ╛        |  |
| 6                 | #            | 0              | _        | ┢            | _            | H        |          | $\vdash$     | -                |          | 20   | 56       | H            | Н        | $\dashv$ | ᅥ        | ┪        | ┪        | -+       | +                  | ٦        |   |        | 106        | Н        |          | $\vdash$ |          |          |          | <b>コ</b>            | ┪        | $\neg$   |
| 7                 | Ħ            | 0              |          | $\vdash$     | $\vdash$     | Н        | _        | ┪            | <del> </del>     |          | 23   | 57       | Ħ            | Н        | ┪        | ┪        | ┪        | 7        | ╅        | +                  | ٦        |   |        | 107        |          |          | Γ        |          |          |          | ヿ                   | ┪        |  |
| 8                 | Ħ            | 0              |          |              |              | П        |          |              | 1                |          | W  | 58       | Ħ            | П        | ┪        | ┪        | 7        | ╛        | 7        | ✝                  | 7        |   |        | 108        |          |          |          | Г        |          |          | П                   | ヿ        | $\neg$   |
| 9                 | Ħ            | 7              |          |              |              |          |          | T            | Н                |          | 25   | 59       | Ħ            | П        | $\neg$   | ヿ        | 寸        | _        | ┪        | 十                  | ٦        |   |        | 109        |          |          |          |          |          |          | $\Box$              | $\neg$   |  |
| 10                | 11           | V              |          |              |              |          |          |              | $\Box$           | 1        | 26   | 60       | П            | П        |          | $\neg$   | T        | $\neg$   | T        | T                  |          |   |        | 110        |          |          | Г        |          |          |          | П                   | $\Box$   |  |
| 11                | $\prod$      | V              |          |              |              |          |          |              |                  | ]        | 27   | 61       | $\prod$      |          |          | コ        |          | J        | _†       |                    |          | Ì |        | 111        |          |          |          |          |          |          |                     | $\Box$   |  |
| 12                | ${ m I\!I}$  |                |          |              |              |          |          |              |                  | ]        | V  | 62       | $\prod$      |          |          |          |          |          |          |                    |          |   |        | 112        |          |          |          |          |          |          |                     | $\Box$   |  |
| 13                | П            | 2              |          |              |              |          |          |              |                  |          | 29   | හෙ       | 1            |          |          |          |          | J        | $\Box$   |                    |          |   |        | 113        |          |          |          |          |          |          |                     |          |  |
| 14                | $\Pi$        | R              |          |              |              |          |          |              |                  |          |  | 64       |              |          |          |          | $\Box$   | $\Box$   | $\Box$   | $\Box$             |          |   |        | 114        |          |          |          |          |          |          | Ц                   | $\sqcup$ | لـــا  |
| 15                | 11           | 2              |          | L            |              |          |          | _            | Ĺ                |          | <u> </u>   | 65       | _            | Ш        | $\Box$   |          |          | ┙        | _[       |                    | _        |   |        | 115        |          | Ш        | L.,      | <u> </u> | Щ        | Ш        | Ц                   | _        |  |
| 16                | H            | 1              | Щ        | <u> </u>     | Щ            | Ш        | Ш        | <u> </u>     | <u> </u>         |          | <u> </u>   | 66       | $oxed{oxed}$ | Ш        |          | i        |          | _        | 4        | _                  | 4        |   |        | 116        | Ш        |          | <u> </u> | _        | Ш        | Ш        | $\vdash \downarrow$ | <b>—</b> | -  |
| 17                | #            | 1              | $\vdash$ | <u> </u>     | Щ            | Ш        |          | <u> </u>     | <b> </b> _       | liii     | <u> </u>   | 67       | ↓            | Ш        | $\dashv$ | _        | _        | _        | 4        | _                  | 4        |   |        | 117        | Ш        | L        | <u> </u> | ├-       | $\vdash$ | Ш        | ot                  | _        |  |
| 18                | #            | 2              |          |              | $oxed{oxed}$ | Щ        |          | <u> </u>     | ╙                |          |  | 68       | ▙            | Н        | _        |          | -        | 4        | -        | 4                  | 4        |   |        | 118        |          | _        | $\vdash$ | L        | Н        |          | $\vdash$            | -        | _  |
| 19                | ₩            | 7              |          | <u> </u>     | <u> </u>     | Щ        | Щ        | L            | <u> </u>         |          |  | 69       | ↓_           | Н        | _        | _        | -        | -        | $\dashv$ | -                  | 4        |   |        | 119        | Н        |          | <u> </u> | <u> </u> | L-       | _        |                     |          |  |
| 20                | #            | 5              | -        | <u> </u>     | ⊢            | Н        | Ш        | L            | ┡                |          |  | 70       | ├-           | Н        |          | -        | -        |          | +        | 4                  | 4        |   |        | 120        |          | $\vdash$ | <u> </u> | <u> </u> | $\vdash$ |          | $\vdash$            |          | $\dashv$   |
| 21                | #            | V              | $\neg$   | <u> </u>     | _            | Н        | _        | ┝            | ┡                |          |  | 71       | ⊢            | Н        | $\dashv$ | -        | -        | -        | 4        | 4                  | 4        |   |        | 121        | Н        | $\vdash$ | Ļ        | -        | Н        | -        | Н                   | $\dashv$ | -  |
| 22                | ₩            | -              | _        | ┡            | <u> </u>     | Н        | Щ        | ├-           | ⊢                |          | <u> </u>   | 72       | ⊢            | Н        |          |          | -        |          | -        | +                  | 4        |   |        | 122        | Н        |          |          | <u> </u> | $\vdash$ | Н        | $\vdash$            | $\dashv$ |  |
|                   | ₩            | 2              | -        | ├            | -            | Н        | Н        | ⊢            | ⊢                | ł        | ├  | 73       | ├-           | Н        |          |          |          | -        | +        | +                  | 4        |   |        | 123        | Н        | _        | -        | H        | $\vdash$ | $\vdash$ | $\vdash$            | $\dashv$ |  |
| 24                | ₩            | 0 0            |          | -            | $\vdash$     | Н        | Н        | ⊢            | <u> </u>         | ╢        | <b> </b>   | 74       | ₩            | Н        | $\dashv$ | -        | -        | -        | +        | +                  | 4        | - |        | 124        | Н        |          | -        | H        | Н        | Н        | Н                   | -        | ш  |
| 26                | ₩            | V              | _        | -            | $\vdash$     | Н        | H        | ⊢            | $\vdash$         | ł        | <u> </u>   | 75<br>76 | ₩            | Н        | $\dashv$ | $\dashv$ | ⇥        | ┥        | $\dashv$ | +                  | -        |   | -      | 126        | -        | $\vdash$ | $\vdash$ | -        | Н        |          | $\vdash$            | $\dashv$ | $\vdash$   |
| 27                | ₩            | 1              | <u>'</u> | $\vdash$     | $\vdash$     | Н        | $\vdash$ | ⊢            | ⊢                | ł        | <del> </del>                                     | 77       | ⊢            | Н        | -4       | -        | $\dashv$ | ┥        | ╅        | +                  | $\dashv$ |   |        | 127        | Н        |          | Н        | ┝╌       | ⊢        | Н        | Н                   | $\dashv$ | $\vdash$   |
| 28                | ╫╴           | 12             | -        | ⊢            | $\vdash$     | Н        | -        | ╀            | ┢                |          |  | 78       | ╁            | Н        | $\dashv$ | -        | -1       | ┪        | $\dashv$ | ╅                  | $\dashv$ |   |        | 128        | H        | Н        | Н        | Н        | $\vdash$ | Н        | Н                   | $\dashv$ | М  |
| 29                | ╫╴           | V              | <u> </u> | <del> </del> | -            | Н        |          | $\vdash$     | ┢                | ł        |  | 79       | ╁            | Н        | -        | ┪        | -1       | -        | +        | +                  | ┨        |   |        | 129        | $\vdash$ | $\vdash$ | _        | Н        | Н        |          |                     | $\dashv$ | $\neg$   |
| 30                | ╫╴           | Ť              | М        | ┢            | Н            | Н        |          | 1            | Н                | 1        | <b>—</b>   | 80       | ┢╌           | Н        | $\dashv$ |          | 一        | ┪        | 十        | +                  | ٦        |   |        | 130        | Н        | Н        | _        | $\vdash$ | Н        | П        | П                   | $\neg$   | Г  |
| 31                | #            | Н              | Н        | $\vdash$     | $\vdash$     | Н        |          | ┢            | ┢                | tiii     | $\vdash$   | 81       | t            | Н        | -1       | $\dashv$ | ┪        | 寸        | _        | _                  | ٦        |   |        | 131        | Н        | Н        | _        |          |          |          | П                   | $\neg$   |  |
| 32                | 1            | t              |          |              | Н            | Н        |          | 1-           | -                | ı        | $\vdash$   | 82       | $\vdash$     | Н        | H        |          | ᅥ        | 7        | 寸        | +                  | ٦        |   |        | 132        |          |          | Г        | Т        |          |          | П                   | $\neg$   |  |
| 33                | 1            | T              | П        |              | Г            | П        |          | 1            | Г                | 1        |  | 83       | T            | П        |          | _        | 7        | $\neg$   | _        | $\top$             | ٦        |   |        | 133        | T        |          |          | Г        |          |          | П                   |          |  |
| 34                | 7            |                |          | Г            | Г            | П        |          | Г            |                  | 1        |  | 84       |              | П        |          | $\neg$   | ヿ        | ┪        | 丁        | 十                  | ٦        |   |        | 134        |          |          |          |          |          |          |                     |          |  |
| / 35              |              | Ξ              | 11       |              |              |          |          |              |                  | 1        |  | 85       |              |          |          |          |          |          |          | T                  | J        |   |        | 135        |          |          |          |          |          |          |                     |          |  |
| 12 36             | $\Gamma$     | Ξ              |          |              |              |          |          |              |                  | ]        |  | 86       |              |          |          |          |          |          | I        | I                  |          |   |        | 136        |          |          |          |          |          |          |                     |          |  |
| 2 37              | Γ            |                |          |              |              |          |          | $\Box$       |                  | ]        |  | 87       |              |          |          |          | コ        | ┚        | $\Box$   | floor              |          |   |        | 137        |          |          |          |          |          |          |                     |          |  |
| 3 38              | $\Gamma$     |                |          |              |              |          |          |              |                  | ]        |  | 88       | 匚            |          |          |          | $\Box$   | $\Box$   | $\Box$   | $oldsymbol{\perp}$ |          |   |        | 138        |          |          |          |          | П        | Ш        | Ш                   | ↵        | ш  |
| Y 39              | Ļ            | $\Box$         |          | L            |              | $\Box$   |          | $\vdash$     | <u> </u>         | Į        |  | 89       | $\vdash$     | Ш        |          |          | ユ        | _[       |          | $\bot$             | _]       |   |        | 139        | Ш        | Ц        | L        | L.       | <b>L</b> | Щ        | $\vdash \vdash$     | $\dashv$ | !  |
| 5 40              | 1            | <b> </b>       | Щ        | L            | _            | Ш        | Щ        | L            | L                |          | <u> </u>   | 80       | $\perp$      | Ш        | Ц        | Ц        | _[       | _[       | 4        | 4                  | _        |   |        | 140        | $\vdash$ | Ш        | <u> </u> | <b>!</b> | $\vdash$ | Щ        | $\vdash$            | $\dashv$ |  |
| 6 41              | ╀            | <b> </b>       | Ш        | L            | L            | Щ        | $\vdash$ | ⊢            | ┡-               | ł        |  | 91       | ┺            | Ш        | $\dashv$ |          | _        | 4        | 4        | 4                  | _        |   |        | 141        | $\vdash$ | $\vdash$ | <u> </u> | ⊢        | H        | Щ        | $\vdash$            | $\dashv$ | <del>                                     </del> |
| 7 42              | ╄            | -              | ш        | L            | <u> </u>     | <b>-</b> | $\vdash$ | ├-           | -                | ł        |  | 92       | ┞            | Щ        | Щ        | _        |          | _        | 4        | 4                  | 4        |   |        | 142        | $\vdash$ | $\vdash$ | ⊢        | $\vdash$ | -        | Н        | $\vdash$            | $\dashv$ |  |
| 1 43              | ↓_           | -              | #_       | <u> </u>     |              | Щ        | -        | <b>-</b>     | ┞                | ∤∭       |  | 93       | ⊢            | Ш        | $\sqcup$ | _        | _        | _        | -+       | 4                  | 4        |   |        | 143        | -        | Н        | ┡        |          | Н        | Н        | $\vdash$            | $\dashv$ | <del> </del>                                     |
| 4 44              | ┿            | $\vdash$       | Н        | <b>—</b>     | $\vdash$     | Н        | Н        | <del> </del> | ├                | ዘ∭       |  | 94       | +-           | Н        | -        |          |          | -        | +        | +                  | 4        |   |        | 144        | H        | ┝        | ⊢        | $\vdash$ | Н        | ┝┥       | $\vdash\vdash$      | $\dashv$ |  |
| 10 45             | ╁            | $\vdash$       | H        | -            | $\vdash$     | Ы        | Н        | <b>├</b>     | ├-               |          | ├─   | 95       | $\vdash$     | Н        | $\vdash$ |          | -        | $\dashv$ | +        | +                  | 4        |   |        | 145        | Н        | $\vdash$ | ⊢        | $\vdash$ |          | Н        | ⊢⊢                  | -        | ┌─┤  |
| 11 46             | ╄            |                | H        | ⊢            | -            | Н        | $\vdash$ | ⊢            | -                | ╂        | ├—   | 96<br>97 | ╀            | $\vdash$ | $\vdash$ |          | -        |          | +        | +                  | 4        |   |        | 146<br>147 | $\vdash$ | $\vdash$ | ┝        | ┝        | -        | Н        | $\vdash$            | $\dashv$ | ┌┤   |
| 13 47             | ┿            | Н              | H $-$    | $\vdash$     | -            | Н        | Н        | -            | ⊢                | 4        | <del> </del>                                     | 98       | ╀            | -        | $\vdash$ |          | -        |          | $\dashv$ | +                  | ᅱ        |   |        | 148        | -        | $\vdash$ | $\vdash$ | -        | $\vdash$ | Н        | ┝╌┨                 |          | ┟─┤  |
| 13 49             | ╁            | $\vdash$       | H        | $\vdash$     | $\vdash$     | Н        | -        | -            | ⊢                | <b>{</b> | <del>                                     </del> | 99       | ⊢            | Н        | $\dashv$ |          | {        | $\dashv$ | +        | +                  | 4        |   | -      | 149        | -        | $\vdash$ | $\vdash$ | Н        | Н        | Н        |                     | -        | <del></del>                                      |
| 16 50             | +            | <del>   </del> | 5        | -            | $\vdash$     | Н        | Н        | $\vdash$     | ⊢                | ▐░       | $\vdash \vdash$                                  | 100      | $\vdash$     | Н        | $\dashv$ | $\dashv$ | -        | -        | +        | +                  | ⊣        |   |        | 150        | Н        | $\vdash$ | ┢─       | -        | -        | H        | $\vdash$            | $\dashv$ | $\vdash$   |
| 181 30            | <del>-</del> |                | ۷.       | Ц            | _            | لـــا    |          | L            | Ц_               | J:::::   | ــــــــــــــــــــــــــــــــــــــ           | , ,,,,,  | _            | لب       | ш        | لب       |          |          | _        |                    | _        | : | Ь      | 130        |          |          | _        |          |          | _        |                     | _        | _  |